

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application

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**TRANSMITTAL FOR A NEWLY EXECUTED ORIGINAL APPLICATION
UNDER 37 C.F.R. §1.53(b)**

This is a request for filing a patent application under 37 C.F.R. §1.53(b) for:

- Inventors:
1. Allan C. Spradling, Baltimore, Maryland
 2. Dianne R. Stewart, Baltimore, Maryland
 3. Alexei V. Tulin, Baltimore, Maryland

For: POLY-(ADP) RIBOSE POLYMERASE ENZYME AND USES THEREOF

1. This is a new ☒ **Utility** ☐ **Design** ☐ **Plant** patent application.

2. The papers enclosed to obtain a filing date are as follows:

44	Pages of Specification including
0	Title Page
40	Pages of Description
3	Pages of Claims
1	Page of Abstract
28	Sheets of drawings containing Figures 1-14

3. Combined Declaration and Power of Attorney:

- ☐ Enclosed and is executed by all inventors
☒ Not Enclosed.

This application is being filed under the provisions of 37 C.F.R. §1.53(f).
Applicants await notification from the Patent and Trademark Office of the
time set for filing the Declaration and paying the filing fees.

4. Language:

- ☒ English
☐ Non-English

This application is being filed in accordance with 37 C.F.R. §1.52(d) and §608.01
of the MPEP. Applicants await notification from the Patent and Trademark Office

of the time set for filing the verified English translation and the processing fee.

5. Assignment:

- ☐ An assignment of the invention to _____ and a PTO Form-1595, Recordation Form Cover Sheet, are enclosed.
- ☒ An assignment will be filed at a later date.

6. Priority - foreign applications under 35 U.S.C. §119(a)-(d) or §365(b) or PCT international applications under 35 U.S.C. §365(a) designating at least one country other than the U.S.

☐ Priority of the following foreign application is claimed:

Country	Application No.	Filed

Certified copy: ☐ is attached. ☐ will follow.

7. Priority based on provisional application(s) - 35 U.S.C. §119(e)

☒ Priority of the following provisional application(s) is claimed:

Application No.	Filed
60/399,460	July 31, 2002

A. Relate Back - 35 U.S.C. §119(e)

8. Small entity status:

- ☒ Applicants hereby assert small entity status under 37 C.F.R. § 1.27.

9. Fee Calculation (37 C.F.R. §1.16):

CLAIMS					
	Number Filed		Number Extra	Rate	Basic Fee-\$750.00 Total Fees:
Total Claims	25	minus	5	\$18 each=	90.00
Independent Claims	9	minus	6	\$84 each=	504.00
First presentation of Multiple dependent claim				\$280.00	280.00
SUB-TOTAL =					1,624.00
Reduction by ½ for filing by a small entity					812.00
TOTAL FEE =					\$812.00

10. Fee Payment:

- ☐ Not Enclosed. **NO FEE IS BEING PAID BY CHECK OR DEPOSIT ACCOUNT AT THIS TIME.** This application is being filed under the provisions of 37 C.F.R. §1.53(f). Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the Declaration and paying the filing fees.
- ☒ Enclosed. The Commissioner is hereby authorized to charge **\$812.00** to Deposit Account No. 50-310 representing the basic filing fee of \$375.00, the additional total claims fee of \$45.00, the additional independent claims fee of \$252.00, and the multiple dependent claims fee of \$140.00.

11. **Except** for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a **constructive petition for extension of time** in accordance with 37 C.F.R. §1.136(a)(3).

12. Additional papers enclosed:

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Form PTO-1449, _____ document included
- ☐ Statement Accompanying Sequence Listing
- ☐ Submission of "Sequence Listing" (___ pages), computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

15915 U.S. PTO
07/31/03

Please accord this application an application number and filing date.

Date: July 31, 2003

Customer No. 09629

Morgan, Lewis & Bockius LLP

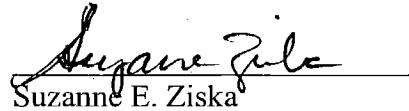
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202-739-3000

Respectfully Submitted,

Morgan, Lewis & Bockius LLP

A handwritten signature in cursive script, appearing to read "Suzanne Ziska", is written over a horizontal line.

Suzanne E. Ziska

Registration No. 43,371